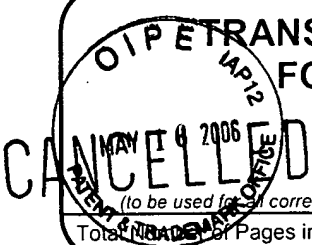
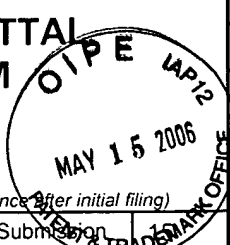


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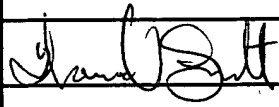
 	Application Number	10/646,139
	Filing Date	August 20, 2003
	First Named Inventor	Nysen, Paul A.
	Art Unit	2834
	Examiner Name	Karen B. Addison
	Attorney Docket Number	035826-026

Total Number of Pages in This Submission

## ENCLOSURES (check all that apply)

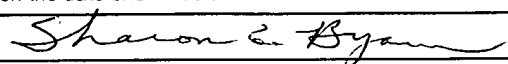
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Correction of Information Disclosure Statement Form 1449; Copies of Information Disclosure Statement and 1449 (12 pages) as originally filed on 9/24/03, with necessary corrections Return postcard
<div style="border: 1px solid black; padding: 2px;">Remarks</div>		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm	THELEN REID & PRIEST LLP		
Signature			
Printed Name	Thomas Van Zandt		
Date	May 11, 2006	Reg. No.	43,219

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

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Typed or printed name	Sharon E. Byam	Date	May 11, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Nysen, Paul A  
SERIAL NO.: 10/646,139  
FILING DATE: August 20, 2003  
TITLE: Surface Acoustic Wave Modulator  
EXAMINER: Karen B Addison,  
ART UNIT: 2834

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COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

**Correction of Information Disclosure Statement Form 1449**

The Information Disclosure Statement (IDS) Form 1449 filed on September 24, 2003, for this application, incorrectly identifies the IDS Form 1449 as pertaining to Serial No. 08/914,284 and incorrectly indicates a filing date for the application of August 18, 1997. The correct serial number for this application is 10/646,139. The correct filing date for the application is August 20, 2003. A corrected IDS is enclosed herewith.

Respectfully submitted,  
THELEN REID & PRIEST LLP

Dated: May 11, 2006

Thomas Van Zandt  
Reg. No. 43,219

Thelen Reid & Priest LLP  
P.O. Box 640640  
San Jose, CA 95164-0640  
Tel.: 408.292.5800  
Fax: 408.287.8040



XCI-231.3

UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Paul A. Nysen, et al.  
Serial No. : 10/646,139  
Filed : 8/20/03  
For : BACKSCATTER TRANSPONDER INTERROGATION DEVICE

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September 24, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R. paragraph 1.98(d), copies of the references listed on the enclosed reference citation sheets from the parent application U.S. Serial No. 08/914,284 filed 8/18/97 are likewise found in the parent application.

Respectfully submitted,

Steven M. Hoffberg  
Reg. No. 33,511

MILDE & HOFFBERG, LLP  
10 Bank Street - Suite 460  
White Plains, NY 10606  
(914) 949-3100

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Sheet 1 of 3

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**10/646,139**

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**PAUL A. NYSEN**

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**08/20/03**

GROUP

## U.S. PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING IF APPR
VA	4 7 3 9 3 2 8	4/19/88	KOELLE ET AL	342/44		7/14/86
VB	4 8 8 8 5 9 1	12/19/89	LANDT ET AL	342/44		10/6/88
VC	4 0 5 9 8 3 1	11/22/77	EPSTEIN	343/6.8R		10/6/75
VD	4 4 8 4 1 6 0	11/20/84	RIHA	333/195		3/8/83
VE	4 6 0 4 6 2 3	8/5/86	SKEIE	343/6.8R		6/30/83
VF	4 6 0 5 9 2 9	8/12/86	SKEIE	343/6.8R		6/30/83
VG	4 6 2 0 1 9 1	10/28/86	SKEIE	342/51		6/30/83
VH	4 6 2 3 8 9 0	11/18/86	NYSEN	342/44		6/30/83
VI	4 6 2 5 2 0 7	11/25/86	SKEIE	342/51		6/30/83
VJ	4 6 2 5 2 0 8	11/25/86	SKEIE ET AL	342/51		6/30/83
VK	4 7 0 3 3 2 7	10/27/87	ROSSETTI ET AL	342/44		10/31/85

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSL. YES
AL						
AM						
AN						
AO						
AP						

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

VR						
VS						
VT						

DATE CONSIDERED







- 1440

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DOCUMENT NUMBER	DATE	NAME	CLASS SUB	SUBCLASS	FILING IF APPR
5019815	5/28/91	LEMELSON ET AL	340	933	
4288343	9/8/81	LOUNDERBACK	252	408	3/3/87
4288689	9/8/81	LEMELSON ET AL	235	435	3/22/79
3273146	9/13/66	H. HURWITZ	342	51	10/12/79
5144313	9/1/92	KIRKNES	342	51	8/7/64
3981011	9/14/76	BELL, III	342	444	4/24/91
4263595	4/21/81	VOGEL	343	6SLC	3/31/75
4143340	3/6/79	HUNSINGER	343	6SSS	5/15/79
4201964	5/6/80	NORO ET AL (	333	151	9/1/76
3810257	5/7/74	JONES ET AL	333	151	6/20/78
4267534	5/12/81	TANSKI	333	30R	2/1/73
			333	153	5/23/80

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS SUBCLASS	SUBCLASS	TRANSL. YES NO
2189788	9/17/87	AUSTRALIA	G07C		
6661181	1/25/80	AUSTRALIA	005/00		✓
1000043	2/6/90	AUSTRALIA	G01K		✓
3900470	11/3/89	AUSTRALIA	11/22		✓
0089617	3/16/83	GERMANY	H04B		✓
			1/59		✓
			H03H		✓
			9/145		✓
			H03H		✓
			9/145		✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

GORUK, WILLIAM; OPTICAL PROBING MEASUREMENTS OF SURFACE WAVE  
GENERATION AND REFLECTION IN INTERDIGITAL TRANSDUCERS ON  
LiNbO<sub>3</sub>; 11/80; pp. 341-354

CAMBIAGGIO, EDMOND; SAW REFLECTION FROM CONDUCTING STRIPS  
ON LiNbO<sub>3</sub>; 9/79; pp. 340-344

DATE CONSIDERED

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DOCUMENT NUMBER		DATE	U.S. PATENT DOCUMENTS			
			NAME	CLASS SUBCLASS	SUBCLASS	FILING IF APPR
4307356		12/22/81	ARAI			
4096477		6/20/78	EPSTEIN ET AL	333/194		7/3/80
4028649		6/7/77	KOMATSU ET AL	343/655		4/22/77
4263571		4/21/81	KINOSHITA ET AL	333/72		12/19/75
4166258		8/23/77	TSENG	333/194		11/15/79
4410823		10/18/83	MILLER ET AL	333/195		8/29/74
3845420		10/29/74	HOLLAND ET AL	310/313D		11/13/81
3931597		1/6/76	CHO ET AL	333/30R		3/2/73
41217564		8/12/80	AUTRAN	333/30R		2/4/74
3801935		4/2/74	MITCHELL	333/152		9/15/78
4494031		1/15/85	BARNES ET AL	333/72		7/12/72
				310/313B		3/16/83

DOCUMENT NUMBER		DATE	FOREIGN PATENT DOCUMENTS			
			COUNTRY	CLASS	SUBCLASS	TRANSL. YES NO
0002485		11/13/80	JAPAN	H03H	9/145	
0153817		11/28/81	JAPAN	H03H	9/145	✓
0122215		9/25/81	JAPAN	H03H	9/145	
000184		10/8/84	AUSTRALIA	H03H	9/145	
228911		11/3/87	CANADA	H04B	1/59	✓
				G01S	9/145	✓

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WILLIAMSON, R.C.; REFLECTIVE ARRAY MATCHED FILTER FOR A 16-PULSE  
RADAR BURST; pp. 1325-1329

DEVRIES, ADRIAN; REFLECTION OF A SURFACE WAVE FROM THREE  
TYPES OF 1D TRANSDUCERS; pp. 280-285

IEEE TRANSACTIONS ON SONICS AND ULTRASONICS; 1/73; Vol.  
SU-20, No. 1; pp. 42-187, 204

DATE CONSIDERED



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08/20/03

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DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING IF APPR
VI 4912471	3/27/90	TYBURSKI ETAL (PARTIAL)	342/42		11/3/83
VII 4106020	8/8/78	JOHNSON	343/14		7/21/77
VIII 4044355	3/23/77	EDVARDSSON	343/14		2/13/76
IX 2817012	12/17/57	H.C. KENDALL	342/42		2/20/52
X 3818528	4/15/75	MAJEAU	343/655		10/12/73
XI 3521080	1/1/70	M. JANCO ETAL	342/44		1/16/69
XII 3209350	9/23/65	R.K. DAVIS ETAL	340/82534		10/4/63
XIII 4288524	6/14/83	WALTON	235/380		9/16/81
XIV 4151525	4/24/79	STRAUCH ET AL	343/65R		6/28/77
XV 4023167	5/10/77	WAHLSTROM	343/655		6/16/75
XVI 3131911	6/5/73	SAKURAGI ETAL	343/655		8/17/70

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSL. YES/NO
DE 2604105	2/3/76	GERMANY	H03H	9/00	✓
DE 2521290	5/13/75	GERMANY	H03H	9/145	✓
DE 3438051	10/17/84	GERMANY	G01S	13/74	✓
CA 1228912	11/3/87	CANADA	G01S	13/80	✓
AP 1413486	12/29/72	AUSTRALIA U.K.	H03B	5/32	✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

VI	HAYDL, WILLIAM, SURFACE ACOUSTIC WAVE RESONATORS.
VII	CROSS, PETER S, SURFACE-ACOUSTIC-WAVE RESONATORS
VIII	STOCKER, HELMUT, AKUSTISCHE OBERFLACHENWELLEN-BAUELEMENTE. pp. 87-93
	DATE CONSIDERED

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10/646,139

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U.S. PATENT DOCUMENTS

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VA	4339153	7/13/82	MAWHINNEY	343/655		12/19/79
VB	4480150	10/30/84	JONES ET AL	174/52FP		7/12/82
VC	4644384	2/17/87	CHAROENSAKVIROCHANA	357/74		2/2/84
VD	4330790	5/18/82	BURNS	357/70		3/24/80
VE	4003073	1/11/77	HELDA ET AL	357/70		10/10/72
VF	4234666	11/18/80	GURSKY	428/573		7/26/78
VG	4706105	11/10/87	MASUDA ET AL	357/74		6/13/86
VH	4672418	6/9/87	MORAN ET AL	357/70		4/8/85
VI	4331740	5/25/82	BURNS	428/572		4/14/80
VJ	3909838	9/30/75	BEYERLEIN	357/70		8/1/73
VK	4141712	2/27/79	ROGERS	65/36		7/18/77

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSL YES
AK	847910	6/26/85	REPUBLIC of South AFRICA	H04B		✓
AL	1298381	2/26/69	ENGLAND	H04B	7/00	✓
AM	847909	6/2/85	REPUBLIC of South AFRICA	H04B		✓
AN	2165411	10/9/84	ENGLAND	H03H	9/42	✓
AO	2165425	10/9/84	ENGLAND	H03B	23/00	✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AK	WILLIAMSON, RICHARD, REFLECTION GRATING FILTERS; DEPARTMENT OF THE ARMY, pp 381-442
AS	HOLLAND, MELVIN, PRACTICAL SURFACE ACOUSTIC WAVE DEVICES, PROCEEDINGS OF THE IEEE Vol 62, No 5 5/74, p 582-611
AT	OMNIDIRECTIONAL ANTENNAS, BUTTERWORTH & CO, CHAPTER 2; pp 25-33

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10/646,139

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U.S. PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING IF APPR
VI	3870994	3/11/75	MCCORMICK ET AL	343/65R		12/22/72
VII	4217701	11/27/81	HENRIQUES	343/651L		8/8/79
VIII	3513470	5/19/70	G. RABOW	342/51		7/7/58
IX	4180815	12/25/79	HILL	343/65R		1/20/78
X	3665480	5/23/72	FOSSETT	343/754		1/23/69
XI	4260928	4/1/81	YANAGISAWA ET AL	343/700M		4/4/79
XII	4423392	12/27/83	WOLFSON	333/116		11/30/81
XIII	4242685	12/30/80	SANFORD	343/770		4/27/79
XIV	4241352	12/23/80	ALSPAUGH ET AL	343/700M		9/15/76
XV	4320402	3/16/82	BOWEN	343/700MS		7/7/80
XVI	4589422	5/20/86	JAMES ET AL	128/804		2/3/84

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSL. YES
EP	0513007	11/13/90	EUROPE	H03H	9/02	✓
GB	2142475	1/16/85	ENGLAND	H04B	1/59	✓
DE	2524571	6/3/75	GERMANY (US 3984835)	H04B	7/15	✓
FR	2165423	10/9/84	ENGLAND (US 4726841)	H04B	1/59	✓
JP	2813753	3/30/78	GERMANY (US 4209783)	G01S	9/56	✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

VI	KEENAN, ROBERT; PRIVATE FIRM PROFITS FROM ELECTRONIC TOLLS; 5/96; WIRELESS SYSTEMS DESIGN; p. 24
VII	TECHNOLOGY A GENERATION AHEAD; AMTECH BROCHURE; pp 1-8, INSERT
VIII	ALLAN, ROGER; WIRELESS TRANSCIVER WITH MICROMACHINED SENSOR DETECTS BOTH TIRE PRESSURE AND TEMPERATURE; TECHNOLOGY ADVANCES; ELECTRONIC DESIGN; 12/16/96

113)

INFORMATION DISCLOSURE STATEMENT  
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10/646,139

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U.S. PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING IF APPR.
VA	4554549	11/19/85	FASSETT ET AL	343/700ms		9/19/83
VB	4477813	10/16/84	WEISS	313/700ms		8/11/82
VC	4110653	8/29/78	HARTEMANN	310/313		3/25/77
VD	4072915	2/7/78	MITCHELL	333/72		9/10/76
VE	3869682	3/4/75	HEEKS ET AL	332/11R		4/10/74
VF	4462011	7/24/84	WARD	333/154		12/27/82
VG	3600710	8/17/71	ADLER	333/72		8/12/68
VH	3936774	2/3/76	MELLON ET AL	333/30R		3/14/74
VI	4155056	5/15/79	CROSS ET AL	333/195		8/25/77
VJ	4434383	2/28/84	CHO ET AL	310/313R		1/10/83
VK	3898592	8/5/75	SOLIE	333/72		5/8/74

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSL. YES
AL						
AM						
AN						
AO						
AP						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

VR	WALKER, HAROLD; VPSK MODULATION TRANSMITS DIGITAL AUDIO AT 15 b/s/HZ; WIRELESS SYSTEMS DESIGN; 12/96; pp 38-42
VS	GROSSMANN, JOHN; THE WIRING OF THE GREEN; INC. TECHNOLOGY; 1996; No 4; pp 55-58
VT	A SPREAD SPECTRUM CHIP FOR RIC APPLICATIONS; MICRON COMMUNICATIONS INC; MICROWAVE JOURNAL; 11/96; pp 144-148
	DATE CONSIDERED

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## U.S. PATENT DOCUMENTS

	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING IF APPR
VA	4	2	4	2	6	7	1	12/30/30	PLOWS			
VB	4	9	3	1	6	6	4	6/5/30	KNOLL	340/572		12/8/78
VC	3	9	6	1	2	9	0	6/1/76	MOORE	307/10.3		3/2/88
VD	4	6	9	9	6	8	2	10/13/87	TAKISHIMA	333/30R		2/7/75
VE	4	6	2	5	1	3	4	11/25/86	NIITSUMA ET AL	156/292		10/16/86
VF	4	4	2	2	0	5	5	12/20/83	CULLEN ET AL	333/150		6/27/83
VG	4	8	4	5	3	9	7	7/4/89	HERRICK ET AL	333/151		10/30/81
VH	4	9	3	3	5	8	8	6/12/90	GREER	310/348		3/24/86
VI	4	2	1	3	1	0	4	7/15/80	CULLEN ET AL	310/313D		12/23/88
VJ	4	7	4	5	4	0	1	5/17/88	MONTEAN	333/150		9/25/78
VK	5	0	2	7	1	0	7	6/25/91	MATSUNO ET AL	340/572		9/9/85
										340/572		6/27/89

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSL YES
AL												
AM												
AN												
AO												
AP												

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VR	TUTTLE, JOHN; INTEGRATED CIRCUIT SIMPLIFIES DESIGN OF RFID SYSTEMS; MICROWAVES + RF; 10/96; pp 103-109
VS	GUO, YANPENG; IF TRANSCEIVER SERVES DIGITAL CELLULAR/PCS; MICROWAVES + RF; 10/96; pp 77-84
VT	ROBINSON, GAIL; IMPULSE RADAR MICROPOWERED FOR SENSOR APPS. EET; 1/20/97; pp 33-36
	DATE CONSIDERED

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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## U.S. PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING IF APPR
3025524	3/13/62	C. H. THIES	343/823		5/6/59
3845490	10/29/74	MANWARREN ETAL	343/821		5/3/73
4138681	2/4/74	DAVIDSON ETAL	343/702		8/29/77
3689929	9/5/72	MOODY	343/802		11/23/70
4800392	1/24/89	GARAY ETAL	343/70015		1/8/87
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## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSL. YES

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SCHREIER PAUL, TECHNOLOGY REGS DICTATE MULTIPLE DECISIONS  
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